



REGISTRATION FEE

A registration fee of 400 dollars (US) will be charged. This includes didactic material and tuition fee. To receive information about application, please contact Ms. Leela Nathan at nathanl@mskcc.org (telephone 212-434-5118; fax 212-717-3522) in New York. **Do not pay any fees until your application has been accepted.** There will be full scholarships for one to three selected participants.

ACCOMMODATION

Accommodation is available in New York at the Radisson Hotel (49th and Lexington Avenue) for \$140 per night. MSKCC has reserved a block of rooms for students and faculty. A small number of rooms are also available at the Larchmont Hotel in Greenwich Village at \$70 per night (\$85 on Friday night). These are bed and breakfast style. Meals are "on your own". **Full details will be given when the candidates are informed of their selection.**

INFORMATION

Further information may be obtained from:

Leela Nathan
Memorial Sloan-Kettering Cancer Center
222 East 70th Street, LL2
New York, NY 10021

Telephone: 212-434-5118

Fax: 212-717-3522

Email: nathanl@mskcc.org

The application is online at www.iarc.fr

Go to Training Courses and select this course. The application will come directly to Ms. Nathan.

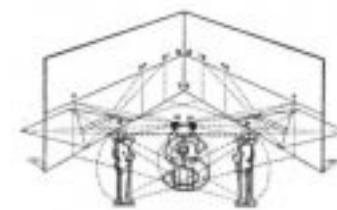
DEADLINE FOR RECEIPT OF APPLICATIONS: 28 February 2002

Once an applicant is accepted, he will be invited to submit an abstract on an ongoing or completed project. Participants whose abstracts are selected will be invited to make a presentation during the course. Candidates will be informed of the outcome of their applications no later than 15 March 2002.

NEXT COURSE: May 27–June 1, 2002 at U.C. Berkeley, CA — see website.



International Agency for Research
On Cancer (IARC)



Institute for Scientific
Interchange Foundation (ISI)



Memorial Sloan-Kettering
Cancer Center

and MEG/AACR

THE FIFTH INTERNATIONAL COURSE OF MOLECULAR EPIDEMIOLOGY

With emphasis on Cancer Epidemiology

April 29–May 4, 2002

**Memorial Sloan-Kettering Cancer Center
New York, NY**

Memorial Sloan-Kettering Cancer Center
1275 York Avenue
New York, NY 10021, USA

PRELIMINARY SCHEDULE

Monday, April 29

09:00-09:15 **OPENING**

Marianne Berwick,
Paolo Boffetta,
Paolo Vineis
Ricky Perera

09:15-10:45 **Keynote lecture:**

10:45-11:15 (coffee break)

(rest of day) **PARALLEL SESSIONS: METHODS**

18:00 Welcome Reception

Tuesday, April 30 (morning)

Session 1A – Primer of epidemiology for laboratory scientists	Session 1B – Primer of laboratory techniques for epidemiologists
Paolo Boffetta, Steve Stellman, Paolo Vineis	Seymour Garte, Pierre Hainaut, Irene Orlow
Study Design	Genotyping
Bias and confounding	Search for variation
Explorative and univariate data analyses	Cytogenetic analyses

Tuesday, April 30 (afternoon)

Session 1 – Molecular Dosimetry

14:00-15:30 DNA adducts, other molecules, Cytogenetics Regina Santella

15:30-16:00 (break)

Session 2 – Acquired Mutations

16:00-17:00 Mutations in p53 Pierre Hainaut

17:00-18:00 Mutations in other genes Carlos Cordon-Cardo

— Theatre/Opera/Museum/American Museum of Natural History —

Wednesday, May 1

09:00-10:00 Epigenetic phenomena

TBA

Session 3 – Genetic Susceptibility

10:00-10:30 (coffee break)

10:30-11:30 High penetrance genes

Federico Canzian

11:30-12:30 Low penetrance genes; Metabolic polymorphisms

Magnus Ingelman-Sundberg

12:30-14:00 (lunch)

14:00-15:00 Epidemiologic studies of met. Poly

Seymour Garte

15:00-16:30 Low penetrance genes; DNA repair

Marianne Berwick

16:30-16:30 (coffee break)

16:30-18:00 New technological methods

Federico Canzian

— Fun Run in Central Park —

Thursday, May 2

Session 4 – Epidemiologic methods

09:00-11:00 Transitional and formal studies

Nathaniel Rothman

11:00-11:30 (coffee break)

11:30-12:30 Issues in collection and storage of biological samples

Paolo Toniolo

12:30-14:00 (lunch)

14:00-15:00 Misclassification and sample size

Nathaniel Rothman

15:00-16:00 Approaches to assess interaction

Colin Begg

16:00-16:30 (coffee break)

16:30-18:00 Poster session – Participants

20:00 Course dinner

Friday, May 3

Epidemiologic Methods (continued)

09:00-10:00 The use of microarrays and proteomics

Agnes Viale

10:00-10:30 (coffee break)

10:30-11:30 Biomathematics

Jaya Satagopan

11:30-12:30 Keynote Lecture

Arnold Levine

12:30-14:00 (lunch)

14:00-16:00 Critical Reading of a Molecular Epidemiology Paper

Paolo Boffetta

16:00-16:30 (coffee break)

16:30-17:30 Ethical Aspects of biomarker research Paolo Vineis

Saturday, May 4

9:00-10:00 Risk assessment

Paolo Boffetta

10:00-11:30 Perspectives for cancer prevention

Bob Hiatt

International Course Directors: Marianne Berwick, MSKCC ▪ Pat Buffler, UC Berkeley ▪ Paolo Boffetta, IARC ▪ Paolo Vineis, ISI

Local Directors: Marianne Berwick ▪ Paolo Boffetta ▪ Frederica Perera ▪ Paolo Vineis

FACULTY

Colin Begg (USA) Marianne Berwick (USA) Paolo Boffetta (France)
Federico Canzian (France) Carlos Cordon-Cardo (USA)
Seymour Garte (USA, Italy) Pierre Hainaut (France) Robert Hiatt (USA)
Magnus Ingelman-Sundberg (Sweden) Arnold Levine (USA)
Irene Orlow (USA) Frederica Perera (USA) Nathaniel Rothman (USA)
Regina Santella (USA) Jaya Satagopan (USA) Stephen Stellman (USA)
Paolo Toniolo (USA) Agnes Viale (USA) Paolo Vineis (Italy)